

PATENT ABSTRACTS OF JAPAN

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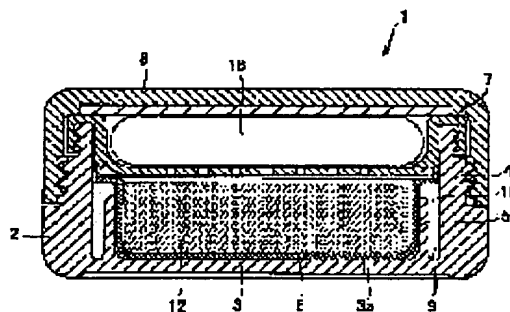
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(54) COSMETIC CONTAINER

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the splashing of already leaked powder at the time of replacement of the refill in a refill type powder cosmetic container.

SOLUTION: The inner side of a container body 2 of the cosmetic container made attachable, detachable and exchangeable with the refill by screwing a bored inner tray 7 to the aperture of the container body 2 is provided with an inner peripheral wall 5 of the height lower than the height of an outer peripheral wall 4. A space 9 for powder reserving is formed between the inner peripheral wall 5 and the inner peripheral surface of the outer peripheral wall 4. The inner peripheral surface of the container body is provided with plural ribs 10 projecting upward of the space 9 in a circumferential direction. The peak surfaces of these ribs 10 are, thereupon, made flush with each other and the flange part 6a of the refill is placed thereon. This flange part is retained and held by the lower end of the inner edge of the bored inner tray 7.



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CLAIMS

[Claim(s)]

[Claim 1] opening of the body of a container -- the pan in a hole vacancy -- screwing -- REFIRU -- attachment and detachment -- in the charge container of makeup made exchangeable, while preparing an inner circle wall with the low periphery corkscrew twist back inside the body of a container and forming the space for ***** between the inner skin of this inner circle wall and a peripheral wall The charge container of makeup characterized by constituting so that may make it project above said space, two or more ribs may be prepared in a hoop direction at the inner skin of the peripheral wall of the body of a container, the flange of said REFIRU may be laid in the top face of these ribs and this flange may be pressed down and pinched in the inside edge lower limit of the pan in said hole vacancy.

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Field of the Invention] the charge container of makeup with which this invention contains powder, such as RUSU powder, -- especially -- opening of the body of a container -- the pan in a hole vacancy -- screwing -- REFIRU -- attachment and detachment -- it is related with the charge container of makeup made exchangeable.

[0002]

[Description of the Prior Art] The charge container of REFIRU type powder makeup is a powder container of the type which is filled up with the powder for makeup in REFIRU, repacks this REFIRU, and is contained in the body of a container possible. Although there is also a charge container of makeup of the type which will be discarded if the powder for makeup is contained directly and the powder for makeup is lost among the charge containers of makeup which contain powder for makeup, such as RUSU powder, since it is uneconomical, and it is not desirable also when preserving earth environment, the powder for makeup is filled up with current in REFIRU, and the thing of the type which repacks this REFIRU and is contained possible is in use.

[0003] Drawing 4 is the sectional view of the charge container of makeup which used conventional REFIRU. The charge container 50 of makeup puts flange 53a of REFIRU 53 on step 52a which attached the cheek middle flask 52 in the bottom plate 51, formed the peripheral wall, and was formed in the inner circumference of a cheek middle flask 52. And the inside lid 54 is attached in a cheek middle flask 52 free [attachment and detachment], and the inside lid 54 is arranged above REFIRU 53. The mesh object 55 and a puff 56 are laid above the inside [this] lid 54, an outer cover 57 is attached in a cheek middle flask 52, and the mesh object 55 and a puff 56 are contained between an outer cover 57 and the inside lid 54.

[0004] Drawing 5 is the sectional view of conventional REFIRU. REFIRU 53 forms flange 53a in upper limit, and forms restoration opening 53b in a pars basilaris ossis occipitalis. In flange 53a, the upper seal 60 is adhered, up opening of REFIRU 53 is sealed, this upper seal 60 is equipped with tab 60a, and the upper seal 60 is removed from flange 53a using tab 60a.

[0005] Moreover, since it adheres to the bottom seal 61, restoration opening 53b is sealed by restoration opening 53b of the pars basilaris ossis occipitalis of REFIRU 53. This restoration opening 53b is opening for being filled up with the RUSU powder 62 in REFIRU 53. In addition, although filled up with the RUSU powder 62 in REFIRU 53, in performing restoration from up opening of REFIRU 53, formation of said restoration opening 53b becomes unnecessary.

[0006] When exchanging this REFIRU 53, an outer cover 57 is opened, a puff 56 and the mesh object 55 are taken out, the inside lid 54 is removed from a cheek middle flask 52, REFIRU 53 whose RUSU powder 62 was lost is removed from the charge container 50 of makeup, and REFIRU 53 new subsequently is contained in the charge container 50 of makeup.

[0007]

[Problem(s) to be Solved by the Invention] However, the charge container 50 of makeup mentioned above puts flange 53a of REFIRU 53 on step 52a of a cheek middle flask 52, attaches the inside lid 54 in a cheek middle flask 52, and has the structure of preventing the ejection of REFIRU 53 by the packing 70 of the inside lid 54.

[0008] In this case, although the space 71 where the inside lid 54 contacts the upper limit of a cheek

middle flask 52, and contains REFIRU 53 will be sealed, the RUSU powder 62 may begin to leak from the clearance between flange 53a of REFIRU 53, and packing 70 by relation, such as carrying and carrying the charge container 50 of makeup.

[0009] The RUSU powder 62 which began to leak from the clearance between flange 53a of this REFIRU 53 and packing 70 exists near flange 53a of REFIRU 53, will be accumulated and will remain. The location where the RUSU powder 62 is accumulated hits the location hidden by between [54] REFIRU 53 and the inside lids 54 (i.e., an inside lid).

[0010] For this reason, when it is going to exchange REFIRU 53 and flange 53a of REFIRU 53 is separated from step 52a of a cheek middle flask 52, in that case, the powder which was being adhered and accumulated in the periphery of REFIRU 53 disperses around, and there is a possibility of soiling a user's clothes etc.

[0011] Then, by canceling the above-mentioned technical problem and collecting the powder which began to leak to the periphery of REFIRU at the time of use, the purpose of this invention avoids that powder is accumulated in the periphery of REFIRU, and is to offer the charge container of makeup which can prevent that powder disperses at the time of exchange of REFIRU.

[0012]

[Means for Solving the Problem] In order to attain the above-mentioned purpose, the charge container of makeup of this invention opening of the body of a container -- the pan in a hole vacancy -- screwing -- REFIRU -- attachment and detachment -- in the charge container of makeup made exchangeable, while preparing an inner circle wall with the low periphery corkscrew twist back inside the body of a container and forming the space for ***** between the inner skin of this inner circle wall and a peripheral wall Make it project above said space and two or more ribs are prepared in a hoop direction at the inner skin of the peripheral wall of the body of a container. The top face of these ribs is formed in the same flush, and the flange of said REFIRU is laid in the top face of this rib, and it constitutes so that this flange may be pressed down and pinched in the inside edge lower limit of the pan in said hole vacancy.

[0013] Powder begins to leak from the clearance between the flange of REFIRU, and the inside edge lower limit of the pan in a hole vacancy at the time of the inside of use of the charge container of makeup of REFIRU type powder, or carrying. If this powder is the former, it will be accumulated near the periphery of REFIRU and it will remain. However, since in the case of this invention the space for ***** is formed between the peripheral wall of the body of a container, and an inner circle wall and the space for these ***** exists under the flange of REFIRU, the powder which leaked from between the flange of REFIRU and the pans in a hole vacancy falls to the space for ***** of this lower part, and is collected in it.

[0014] Powder is already collected in the space for ***** at the time of exchange of REFIRU, and since the powder which is on the flange of REFIRU is also few, even if the flange of REFIRU is separated from the top face of a rib for exchange of REFIRU, powder does not disperse around in that case. Therefore, there is no possibility that powder may disperse within and without the charge container of makeup, and may soil a user's clothes etc. at the time of exchange of REFIRU.

[0015]

[Embodiment of the Invention] Hereafter, this invention is explained based on the operation gestalt of illustration. It is drawing in which drawing and drawing 2 which showed the charge container of makeup which drawing 1 requires for the embodiment of this invention in the cross section having shown each component of the charge container of makeup with the main decomposition perspective view of a component, and having shown drawing 3 in part in the cross section.

[0016] It consists of a lid 8 which the charge container 1 of makeup was attached in the upper part (opening) of the peripheral wall 4 of the body 2 of a container which has the peripheral wall 4 and inner circle wall 5 which stood up from the pars basilaris ossis occipitalis 3, and holds REFIRU 6 in the interior, and the body 2 of a container free [attachment and detachment] as shown in drawing 1, and attached flange 6a of REFIRU 6 in the pan 7 in a hole vacancy fixed to the body 2 of a container, and the peripheral wall 4 of the body 2 of a container free [attachment and detachment].

[0017] The inner circle wall 5 which stood up from the pars basilaris ossis occipitalis 3 of the body 2 of a container is detached inside a peripheral wall 4, and the back is low formed from this peripheral wall 4, and, thereby, the space 9 for ***** is formed in the form of a gutter between the inner skin

of an inner circle wall 5 and a peripheral wall 4 so that drawing 2 may show well. In the case of this operation gestalt, the inner circle wall 5 has stood up from a pars basilaris ossis occipitalis 3 to the middle of the height of a peripheral wall 4.

[0018] On the other hand, the inner skin of the peripheral wall 4 of the body of a container is made to project above the above-mentioned space 9, and two or more ribs 10 are formed in the hoop direction. Although a rib 10 may float and may be prepared from a pars basilaris ossis occipitalis 3, it is flat-tapped here, and forms the rib 10 in shaft orientations from the pars basilaris ossis occipitalis 3 to a location somewhat lower than the top face of a peripheral wall 4. [of the same inside as the above-mentioned inner circle wall 5] Two or more these ribs 10 are arranged in the hoop direction of a peripheral wall 4, and the top face 11 of each rib 10 is set up so that the height location same in a location somewhat lower than the top face of a peripheral wall 4 may be occupied. In the case of this operation gestalt, each rib 10 has extended to the up side further rather than the inner circle wall 5, and that top face 11 exists in the location higher than the upper limb of an inner circle wall 5.

[0019] The upper part carries out opening of REFIRU 6, it equips upper limit with flange 6a, it fills up with the RUSU powder 12 inside, and up opening is sealed by adhering the upper seal 13 to flange 6a. Besides, the front face from the core of REFIRU 6 to the middle of the width of face of flange 6a was worn, it was prepared, and the upper seal 13 did not exist in the remaining outside fields of the width of face of flange 6a, but flange 6a has exposed the seal 13 directly. In addition, on the occasion of use, the upper seal 13 is removed from flange 6a.

[0020] The height of the top face 11 of each rib 10 which made the inner circle wall 5 of the above-mentioned body 2 of a container project is set that the flange 6a is exactly laid in the top face 11 of each rib 10 when above-mentioned REFIRU 6 is dedicated in the body 2 of a container, as shown in drawing 1. Moreover, the height of the peripheral wall 4 of the body 2 of a container is set that the storage space for the pan 7 in a hole vacancy is formed above REFIRU 6 supported by this rib 10.

[0021] The pan 7 in a hole vacancy has the periphery 15 with the inverted-L-shaped cross section over the pan pars basilaris ossis occipitalis 14 which opened much pinhole 14a to which powder is floated, and the upper part of the peripheral wall 4 of the body 2 of a container. From the radial-border section 17, the die length of shaft orientations is formed for a long time, and the inside edge 16 of the periphery 15 of an inverted-L-shaped cross section is following the pan pars basilaris ossis occipitalis 14. Moreover, the inside edge 16 of a periphery extends to a lower part rather than the pan pars basilaris ossis occipitalis 14, and the extension section 16a, i.e., an inside edge lower limit, is formed so that it may function as the press section for pinching flange 6a of REFIRU 6.

[0022] Screw section 17a which engages with screw section 4a prepared in the up periphery of the peripheral wall 4 of the body 2 of a container is formed in the inner skin of the radial-border section 17, and the pan 7 in a hole vacancy is attached in it by both screw engagement free [attachment and detachment] at opening of the peripheral wall 4 of the body 2 of a container.

[0023] When the pan 7 in a hole vacancy is attached and bound tight to opening of the peripheral wall 4 of the body 2 of a container, the inside edge 16 of the pan 7 in a hole vacancy The lower limit of the inside edge 16 presses flange 6a of REFIRU 6 currently laid in the top face 11 of a rib 10, and pinches flange 6a of REFIRU 6 in the top face 11 of a rib 10, and the lower limit of the inside edge 16. The suspension die length of extension section 16a of the inside edge 16 is defined so that the ejection of REFIRU 6 may be prevented.

[0024] The operation to which this inside edge 16 and rib 10 pinch flange 6a of REFIRU 6 sticks the top face of flange 6a of REFIRU 6, and the lower limit perimeter of the inside edge 16 to coincidence, and serves to seal between both. However, this seal operation does not originate in being discretely prepared in the hoop direction, flange 6a of REFIRU 6, the surface-finish precision of the lower limit side of the inside edge 16 of the pan 7 in a hole vacancy, etc. and have the perfect rib 10 supporting an inferior surface of tongue. Therefore, the leakage of the RUSU powder 12 arises from this pinching section while in use.

[0025] Since it is right above the space 9 for ***** which the location where the inside edge 16 and rib 10 of the pan 7 in this hole vacancy pinch flange 6a of REFIRU 6 has in a location lower than the crowning of a peripheral wall 4, and was formed of the inner circle wall 5, those RUSU powder 12 is collected in the space 9 for *****.

[0026] In addition, the screw stop of the pan 7 in a hole vacancy is carried out to opening of the

peripheral wall 4 of the body 2 of a container. Since it is sealed by two places, the adhesion section of the pars basilaris ossis occipitalis of the inverted-U character form cross section of the pan 7 in a hole vacancy, and the top face of a peripheral wall 4, and the adhesion section of screw section 4a and screw section 17a, the RUSU powder 12 collected in the space 9 for ***** does not leak from between the pans 7 in a hole vacancy out of the body 2 of a container.

[0027] The space which contains a puff 18 and a mesh object is airtightly formed between REFIRU 6 of the divided interior like drawing 1 with the lid 8 with which the above-mentioned body 2 of a container is thrust into the periphery.

[0028] Next, an operation of the space 9 for the above-mentioned ***** at the time of exchanging REFIRU is explained.

[0029] A lid 8 is opened from the condition of drawing 1, and a puff 18 and a mesh object are taken out, and the pan 7 in a hole vacancy is removed from a peripheral wall 4, and it extrudes by inserting the suitable fixture for stoma 3a which formed REFIRU 6 whose RUSU powder was lost in the pars basilaris ossis occipitalis 3 of the body 2 of a container, and takes out from the charge container 1 of makeup. Since the powder which in the case of this operation gestalt powder is collected in the space 9 for ***** , and is on flange 6a is few although powder will disperse around with the conventional charge container of makeup when flange 6a of REFIRU separates from the top face 11 of a rib 10 at this time, powder does not disperse around at the time of exchange of REFIRU 6. Therefore, there is no possibility that powder may disperse within and without the charge container 1 of REFIRU type powder makeup, and may soil a user's clothes etc.

[0030] After removing REFIRU 6 which the RUSU powder 12 used up as mentioned above from the charge container of makeup, new REFIRU 6 is contained in the charge container 1 of makeup.

[0031] Subsequently, the pan 7 in a hole vacancy is attached in a peripheral wall 4, and flange 6a of REFIRU 6 is pinched in the top face 11 of a rib 10, and the lower limit of the inside edge 16. Thereby, flange 6a and the pan 7 in a hole vacancy seal. Next, a mesh object and a puff 18 are arranged in the pan 7 in a hole vacancy, and a lid 8 is attached in a peripheral wall 4 as shown in drawing 1.

[0032]

[Effect of the Invention] As explained above, the powder which according to the charge container of makeup of this invention rode on the flange of REFIRU while in use since the inner circle wall was prepared inside the body of a container and the space for ***** was formed between the peripheral walls of this body of a container is collected in the space for downward ***** . Therefore, it is avoided that powder is accumulated near the flange of REFIRU.

[0033] Moreover, powder is already collected in the space for ***** at the time of exchange of REFIRU, and since the powder which is on the flange of REFIRU is few, even when the flange of REFIRU is separated from the top face of a rib for exchange of REFIRU, powder does not disperse around in that case. Therefore, it can prevent un-arranging [that powder disperses within and without the charge container of makeup, and soils a user's clothes etc. at the time of exchange of REFIRU].

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DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[Drawing 1] It is the sectional view of the charge container of makeup concerning the embodiment of this invention.

[Drawing 2] It is the decomposition perspective view of the main components of the charge container of makeup of drawing 1.

[Drawing 3] It is drawing having shown a part of each component of the charge container of makeup of drawing 1 in the cross section.

[Drawing 4] It is the sectional view of the conventional charge container of REFIRU type powder makeup.

[Drawing 5] It is the sectional view of conventional REFIRU.

[Description of Notations]

- 1 Charge Container of Makeup 2 Body of Container
- 3 Pars Basilaris Osis Occipitalis 3a Stoma
- 4 Peripheral Wall 4a Screw Section
- 5 Inner Circle Wall 6 REFIRU
- 6a Flange 7 Pan in a hole vacancy
- 8 Lid 9 Space for *****
- 10 Rib 11 Top Face
- 12 RUSU Powder 13 Top Seal
- 14 Pan Pars Basilaris Osis Occipitalis 14a Pinhole
- 15 Periphery 16 Inside Edge
- 16a Extension section 17 Radial-border section
- 17a Screw section 18 Puff

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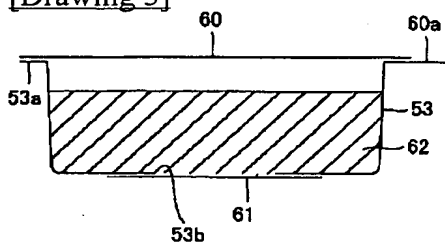
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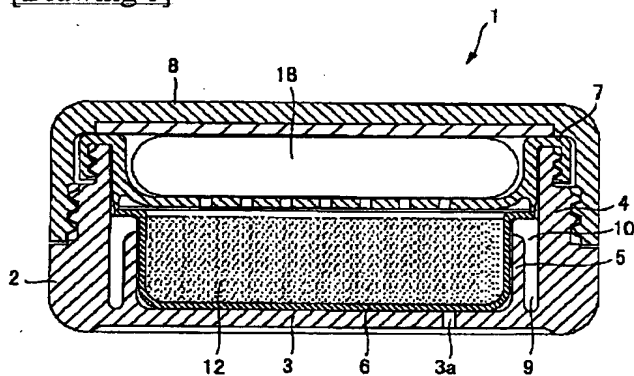
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DRAWINGS

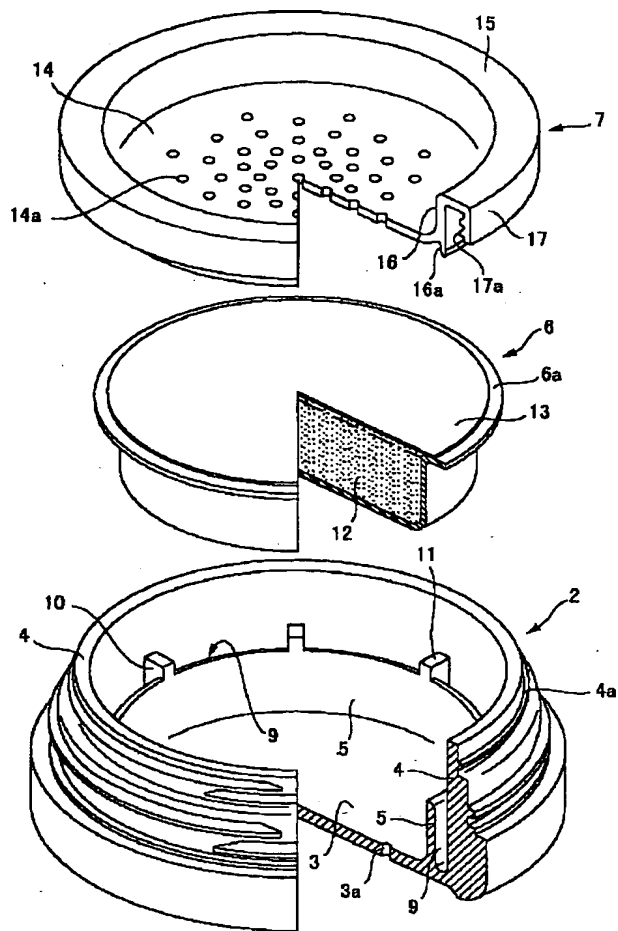
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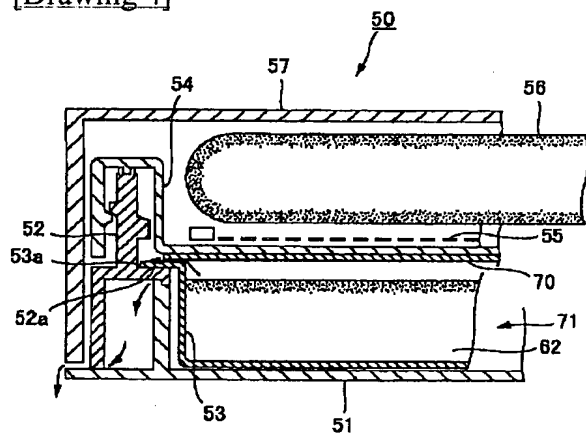
[Drawing 1]



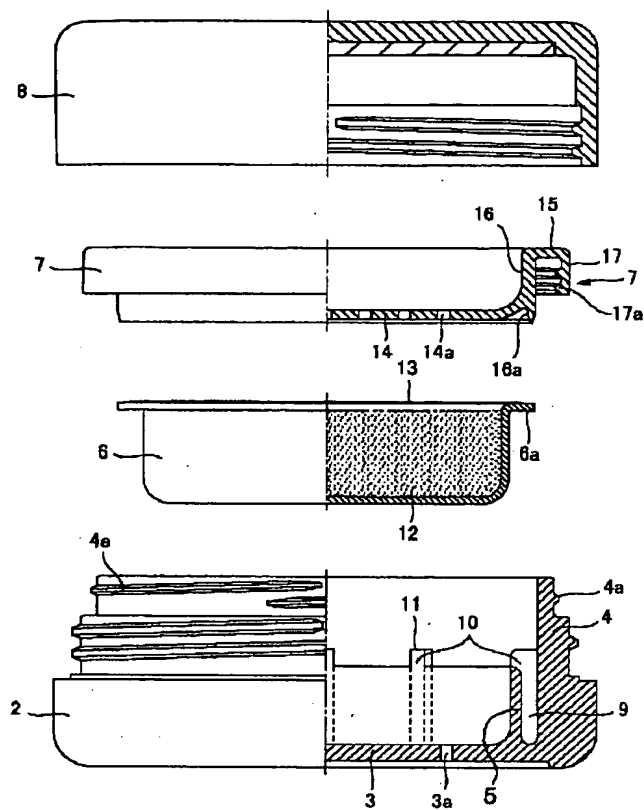
[Drawing 2]



[Drawing 4]



[Drawing 3]



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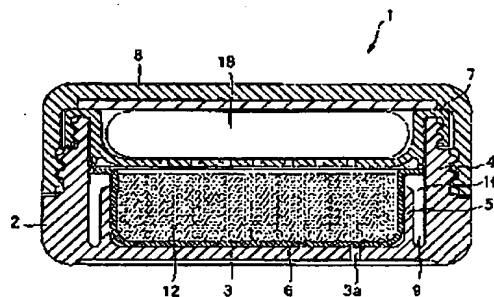
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(54) 【発明の名称】 化粧料容器

(57) 【要約】

【課題】 レフィル式パウダー化粧料容器におけるレフィルの交換時に、それまでに漏れ出したパウダーが飛散するのを防止する。

【解決手段】 容器本体2の開口部に穴あき中皿7を螺合し、レフィル6を着脱交換可能にした化粧料容器において、容器本体2の内側にその外周壁4より背の低い内周壁5を設け、該内周壁5と外周壁4の内周面との間に粉溜り用の空間9を形成すると共に、前記空間9の上方に突出させて容器本体の外周壁4の内周面に周方向に複数のリブ10を設け、これらのリブ10の頂面を同じ面に形成し、該リブの頂面に前記レフィルのフランジ部6aを載置し、該フランジ部を前記穴あき中皿7の内側縁部下端とで押さえて挟持する。



(2)

特開2000-125928

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【特許請求の範囲】

【請求項1】 容器本体の開口部に穴あき中皿を螺合し、レフィルを着脱交換可能にした化粧料容器において、容器本体の内側にその外周壁より背の低い内周壁を設け、該内周壁と外周壁の内周面との間に粉溜り用の空間を形成すると共に、前記空間の上方に突出させて容器本体の外周壁の内周面に周方向に複数のリブを設け、これらのリブの頂面に前記レフィルのフランジ部を載置し、該フランジ部を前記穴あき中皿の内側縁部下端とで押さえて挟持するように構成したことを特徴とする化粧料容器。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明はルースパウダー等の粉末を収納する化粧料容器、特に、容器本体の開口部に穴あき中皿を螺合してレフィルを着脱交換可能にした化粧料容器に関するものである。

【0002】

【従来の技術】レフィル式パウダー化粧料容器は、化粧用粉末をレフィル内に充填し、このレフィルを詰め替え可能に容器本体内に収納するタイプのパウダー容器である。ルースパウダー等の化粧用粉末を収納する化粧料容器には、化粧用粉末を直接収納し、化粧用粉末がなくなると廃棄するタイプの化粧料容器もあるが、不経済であり且つ地球環境を保全する上でも好ましくないため、現在では化粧用粉末をレフィル内に充填し、このレフィルを詰め替え可能に収納するタイプのものが主流になっている。

【0003】図4は、従来のレフィルを使用した化粧料容器の断面図である。化粧料容器50は、底板51に中枠52を取り付けて周壁を形成し、中枠52の内周に形成した段部52aに、レフィル53のフランジ部53aを載せる。そして、中枠52に中蓋54を着脱自在に取り付けて中蓋54をレフィル53の上方に配置する。この中蓋54の上方にメッシュ体55やバフ56を載置し、外蓋57を中枠52に取り付けて、メッシュ体55やバフ56を外蓋57と中蓋54との間に収納する。

【0004】図5は、従来のレフィルの断面図である。レフィル53は、上端にフランジ部53aを形成し、かつ底部に充填口53bを形成する。フランジ部53aには、上シール60を付着してレフィル53の上部開口を密封し、この上シール60にはタブ60aが備えられ、タブ60aを使用して上シール60をフランジ部53aから剥がす。

【0005】また、レフィル53の底部の充填口53bには、下シール61が付着されるため充填口53bは密封される。この充填口53bは、レフィル53内にルースパウダー62を充填するための開口である。なお、レ

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フィル53内にルースパウダー62を充填するのに、レフィル53の上部開口部から充填作業を行う場合には、前記充填口53bの形成は必要なくなる。

【0006】このレフィル53を交換するときは、外蓋57を開けてバフ56やメッシュ体55を取り出し、中枠52から中蓋54を外して、ルースパウダー62がなくなったレフィル53を化粧料容器50から取り外し、ついで新たなレフィル53を化粧料容器50内に収納する。

【0007】

【発明が解決しようとする課題】しかしながら、上述した化粧料容器50は、レフィル53のフランジ部53aを中枠52の段部52aに載せ、中枠52に中蓋54を取り付けて、中蓋54のバックイン70でレフィル53の抜け出しを防止する構造となっている。

【0008】この場合、中蓋54が中枠52の上端に当接して、レフィル53を収納する空間71を密封することになるが、化粧料容器50を携帯して持ち運ぶ等の関係で、レフィル53のフランジ部53aとバックイン70との隙間からルースパウダー62が漏れ出すことがある。

【0009】このレフィル53のフランジ部53aとバックイン70との隙間から漏れ出したルースパウダー62は、レフィル53のフランジ部53a付近に存在し、蓄積されて残ることになる。そのルースパウダー62が蓄積される場所は、レフィル53と中蓋54との間、つまり中蓋54で隠された場所にあたる。

【0010】このため、レフィル53を交換しようとして、中枠52の段部52aからレフィル53のフランジ部53aを離すと、その際、レフィル53の周縁に付着し蓄積していたパウダーが周面に飛散し、使用者の衣服等を汚す虞れがある。

【0011】そこで、本発明の目的は、上記課題を解消し、使用時にレフィルの周縁に漏れ出したパウダーを回収することにより、パウダーがレフィルの周縁に蓄積されるのを回避し、レフィルの交換時にパウダーが飛散するのを防止し得る化粧料容器を提供することにある。

【0012】

【課題を解決するための手段】上記目的を達成するため、本発明の化粧料容器は、容器本体の開口部に穴あき中皿を螺合し、レフィルを着脱交換可能にした化粧料容器において、容器本体の内側にその外周壁より背の低い内周壁を設け、該内周壁と外周壁の内周面との間に粉溜り用の空間を形成すると共に、前記空間の上方に突出させて容器本体の外周壁の内周面に周方向に複数のリブを設け、これらのリブの頂面を同じ面に形成し、該リブの頂面に前記レフィルのフランジ部を載置し、該フランジ部を前記穴あき中皿の内側縁部下端とで押さえて挟持するように構成したものである。

【0013】レフィル式パウダーの化粧料容器の使用

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や振替時においては、レフィルのフランジ部と穴あき中皿の内側縁部下端との隙間からパウダーが漏れ出す。このパウダーは、従来ならばレフィルの周縁付近に蓄積されて残ることになる。しかし、本発明の場合、容器本体の外周壁と内周壁との間に粉溜り用の空間が形成され、該粉溜り用の空間がレフィルのフランジ部の下方に存在しているので、レフィルのフランジ部と穴あき中皿との間から漏れたパウダーは、この下方の粉溜り用の空間に落下し回収される。

【0014】レフィルの交換時において、パウダーは既に粉溜り用の空間に回収されており、レフィルのフランジ部上に受けているパウダーも僅かであるので、レフィルの交換のためにリブの頂面からレフィルのフランジ部が離れても、その際に、パウダーが周囲に飛散することはない。従って、レフィルの交換時において、パウダーが化粧料容器の内外に飛散して使用者の衣服等を汚すといった虞れがない。

【0015】

【発明の実施の形態】以下、本発明を図示の実施形態に基づいて説明する。図1は本発明の実施形態に係る化粧料容器を断面にて示した図。図2はその主要な構成要素の分解斜視図。図3は化粧料容器の各構成要素を一部断面にて示した図である。

【0016】図1に示すように、化粧料容器1は、底部3から起立された外周壁4及び内周壁5を有し内部にレフィル6を収容する容器本体2と、容器本体2の外周壁4の上部（開口部）に着脱自在に取り付けられレフィル6のフランジ部6aを容器本体2に固定する穴あき中皿7と、容器本体2の外周壁4に着脱自在に取り付けた蓋体8とからなる。

【0017】図2から良く分かるように、容器本体2の底部3から起立された内周壁5は、外周壁4より内側に離れて且つ該外周壁4より背が低く形成され、これにより内周壁5と外周壁4の内周面との間に側溝の形で粉溜り用の空間9が形成されている。この実施形態の場合、内周壁5は底部3から外周壁4の高さの中程まで起立されている。

【0018】一方、容器本体の外周壁4の内周面には、上記空間9の上方に突出させて周方向に複数のリブ10が設けられている。リブ10は底部3から浮かせて設けてもよいが、ここでは上記内周壁5と同じ内側の面一で、底部3から軸方向に外周壁4の頂面より少し低い位置までリブ10を形成している。このリブ10は外周壁4の周方向に複数個配設され、各リブ10の頂面11は、外周壁4の頂面より少し低い位置にて同じ高さ位置を占めるように設定されている。この実施形態の場合、各リブ10は内周壁5よりも更に上側に延在しており、その頂面11は内周壁5の上縁より高い位置に存在している。

【0019】レフィル6は、上部が開口して上端にフラ

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ンジ部6aを備え、内部にはルースパウダー12を充填され、フランジ部6aに上シール13を付着することにより、上部開口が密封される。この上シール13は、レフィル6の中心からフランジ部6aの幅の中程までの表面を被って設けられ、フランジ部6aの幅の残りの外側領域には上シール13が存在せずフランジ部6aが直接露出している。なお、使用に際しては、上シール13をフランジ部6aから剥がす。

【0020】上記容器本体2の内周壁5に突出させた各リブ10の頂面11の高さは、図1に示すように、上記レフィル6を容器本体2内に納めたとき、そのフランジ部6aが丁度各リブ10の頂面11に載置されるように定められている。また、容器本体2の外周壁4の高さは、このリブ10に支持されたレフィル6の上方に、穴あき中皿7のための収納空間が形成されるように定められている。

【0021】穴あき中皿7は、パウダーを浮き上がらせる小穴14aを多数開けた皿底部14と、容器本体2の外周壁4の上部に跨る逆U字状断面を持つ周縁15とを有する。逆U字状断面の周縁15の内側縁部16は、外側縁部17より軸方向の長さが長く形成され、皿底部14と連続している。また、周縁の内側縁部16は皿底部14よりも下方まで延在され、その延在部16a即ち内側縁部下端はレフィル6のフランジ部6aを挟持するための押圧部として機能するように形成されている。

【0022】外側縁部17の内周面には、容器本体2の外周壁4の上部外周に設けたネジ部4aと係合するネジ部17aが形成され、両者のネジ係合により穴あき中皿7は容器本体2の外周壁4の開口部に着脱自在に取り付けられる。

【0023】穴あき中皿7を容器本体2の外周壁4の開口部に取り付けて締め付けた場合、穴あき中皿7の内側縁部16は、その内側縁部16の下端が、リブ10の頂面11に載置されているレフィル6のフランジ部6aを押圧し、リブ10の頂面11と内側縁部16の下端とでレフィル6のフランジ部6aを挟持して、レフィル6の抜け出しを防止するように、その内側縁部16の延在部16aの垂下長さが定められている。

【0024】この内側縁部16とリブ10がレフィル6のフランジ部6aを挟持する作用は、同時にレフィル6のフランジ部6aの上面と内側縁部16の下端全周とを密着させ、両者間を密封する働きをする。ただし、この密封作用は、下面を支えるリブ10が周方向に離散的に設けられていることや、レフィル6のフランジ部6aや穴あき中皿7の内側縁部16の下端面の表面仕上げ精度等に起因して完全ではない。従って使用中においては、この挟持部から、ルースパウダー12の漏れが生じる。

【0025】この穴あき中皿7の内側縁部16とリブ10がレフィル6のフランジ部6aを挟持する位置は、外周壁4の頂部よりも低い位置にあり、かつ、内周壁5に

より形成された粉溜り用の空間 9 の真上にあることから、そのルースパウダー 12 は粉溜り用の空間 9 に回収される。

【0026】なお、穴あき中皿7は容器本体2の外周壁4の開口部にネジ止めされ、穴あき中皿7の逆U字形断面の底部と外周壁4の頂面との密着部、及び、ネジ部4aとネジ部17aとの密着部の2箇所により密閉されることから、粉溜り用の空間9に回収されたルースパウダー12が穴あき中皿7との間から容器本体2外に漏れることはない。

〔００２７〕上記容器本体２は、その外周にねじ込まれる蓋体８により、図１の如く気密に被われ、内部のレフィル６との間にバフ１８やメッシュ体を収納する空間が形成される。

【0028】次に、レフィルを交換する際の上記新留り用の空間9の作用について説明する。

【0029】図1の状態から蓋体8を開けてパワ18やメッシュ体を取り出し、外周壁4から穴あき中皿7を外して、ルースパウダーがなくなったレフィル6を、例えば容器本体2の底部3に設けた小孔3aに適当な治具を挿入することで押し出し、化粧料容器1から取り出す。このとき、リブ10の頂面11からレフィルのフランジ部6aが離れた際に、従来の化粧料容器ではパウダーが周囲に飛散することになるが、この実施形態の場合、パウダーは粉溜り用の空間9に回収されており、またフランジ部6a上に乗っているパウダーは僅かであるので、レフィル6の交換時において、パウダーが周囲に飛散することがない。従って、パウダーがレフィル式パウダー化粧料容器1の内外に飛散して使用者の衣服等を汚すといった虞れがない。

【0030】上記のようにルースパウダー12の使い切ったレフィル6を化粧料容器から取り除いた後、新たなレフィル6を化粧料容器1内に収納する。

【0031】次いで、外周壁4に穴あき中皿7を取り付けて、レフィル6のフランジ部6aをリブ10の頂面11と内側縁部16の下端とで挟持する。これにより、フランジ部6aと穴あき中皿7とが密閉する。次に、穴あき中皿7内にメッシュ体やバフ18を配置し、図1に示すように外周壁4に蓋体8を取りつける。

【0032】

＊【発明の効果】以上説明したように本発明の化粧斜容器によれば、容器本体の内側に内周壁を設けて、該容器本体の外周壁との間に粉溜り用の空間を形成したので、使用中においてレフィルのフランジ部上に集ったパウダーは、下方の粉溜り用の空間に回収される。従って、レフィルのフランジ部近傍にパウダーが蓄積されることが回避される。

【0033】またレフィルの交換時においては、パウダーは既に粉溜り用の空間に回収されており、レフィルのフランジ部上に乗っているパウダーは僅かであるので、レフィルの交換のためにリブの頂面からレフィルのフランジ部が離れた場合でも、その際に、パウダーが周囲に飛散することはない。従って、レフィルの交換時にパウダーが化粧斜容器の内外に飛散して使用者の衣服等を汚す、といった不都合を防止することができる。

【図面の簡単な説明】

【図 1】本発明の実施態様に係る化粧料容器の断面図である。

【図2】図1の化粧品容器の主要な構成要素の分解斜視図である。

【図3】図1の化粧料容器の各構成要素を一部断面にて示した図である。

【図4】従来のレフィル式パウダー化粧料容器の断面図である。

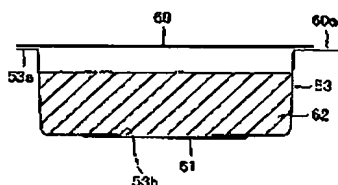
【図5】従来のレフィルの断面図である。

【符号の説明】

- | | |
|------------|-----------|
| 1 化粧料容器 | 2 容器本体 |
| 3 底部 | 3 a 小孔 |
| 4 外周壁 | 4 a ネジ部 |
| 5 内周壁 | 6 レッフル |
| 6 a フランジ部 | 7 穴あき中皿 |
| 8 蓋体 | 9 粉溜り用の空間 |
| 10 リブ | 11 頂面 |
| 12 ルースパウダー | 13 上シール |
| 14 皿底部 | 14 a 小穴 |
| 15 周縁 | 16 内側縁部 |
| 16 a 延在部 | 17 外側縁部 |
| 17 a ネジ部 | 18 パフ |

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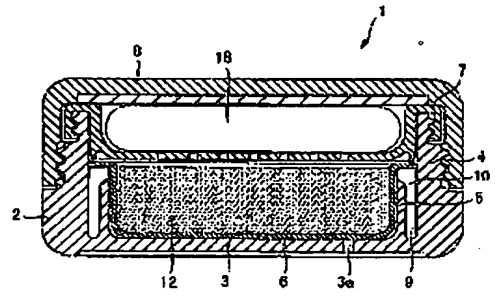
【例5】



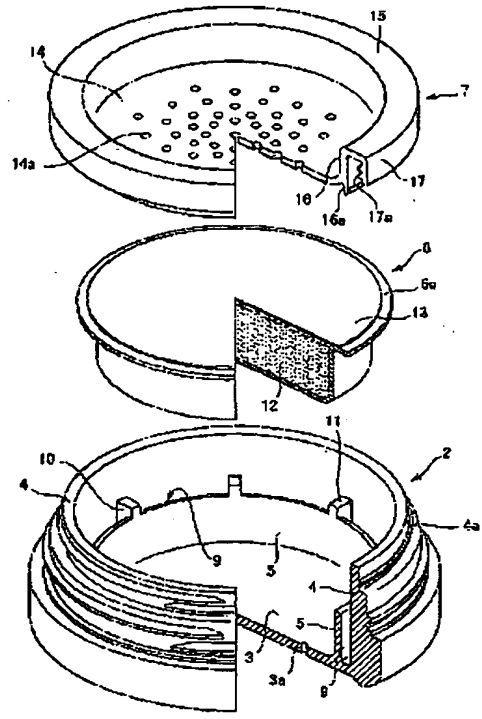
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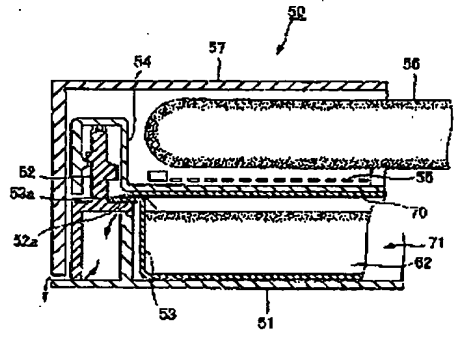
【図1】



【図2】



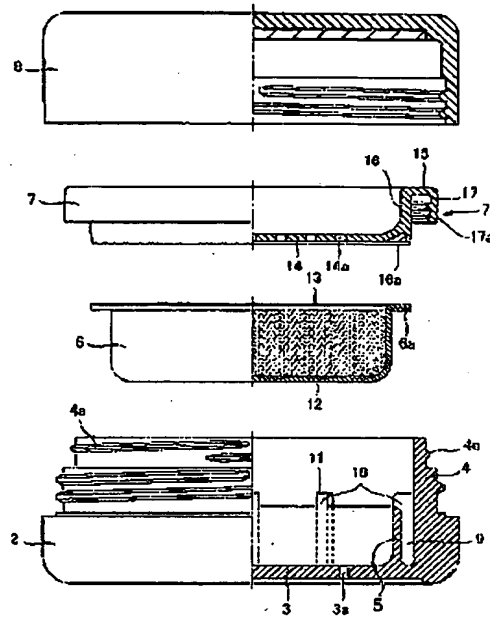
【図4】



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【図3】



フロントページの続き

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